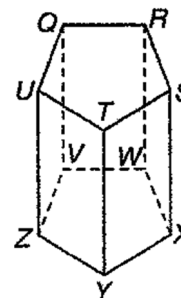


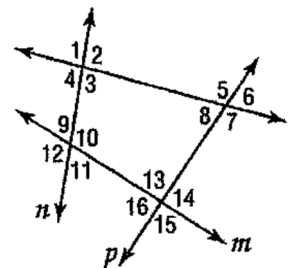
For #1 – 5, refer to the picture at the right to answer the questions (TARGET A)

1. Name a segment that intersects
2. Name a segment that is parallel to
3. Name a segment that is skew to
4. Name a segment that is skew to \overline{UZ}
5. Name a segment that is parallel to \overline{TY}



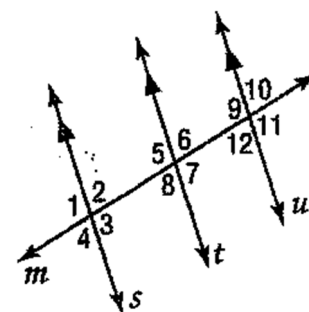
Identify each pair of angles as *alternate interior*, *alternate exterior*, *corresponding* or *consecutive interior*. (TARGET B)

- | | |
|-------------------------------|-------------------------------|
| 6. $\angle 9$ and $\angle 13$ | 7. $\angle 6$ and $\angle 16$ |
| 8. $\angle 3$ and $\angle 10$ | 9. $\angle 8$ and $\angle 14$ |
| 10. $\angle 4$ and $\angle 8$ | 11. $\angle 1$ and $\angle 7$ |



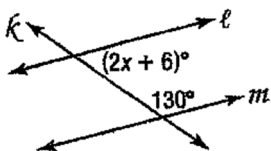
In the figure at the right, $m\angle 1 = 98^\circ$. Find the measure of each angle. (TARGET C)

- | | | |
|-----------------|-----------------|-----------------|
| 12. $\angle 2$ | 13. $\angle 3$ | 14. $\angle 4$ |
| 15. $\angle 5$ | 16. $\angle 6$ | 17. $\angle 7$ |
| 18. $\angle 8$ | 19. $\angle 9$ | 20. $\angle 10$ |
| 21. $\angle 11$ | 22. $\angle 12$ | |



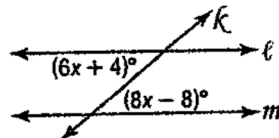
For #23-28, solve for the missing variables if $l \parallel m$ (TARGET D)

23.



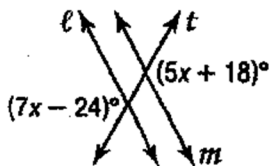
$x =$ _____

24.



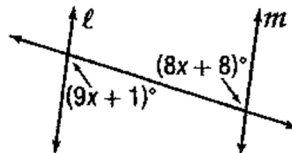
$x =$ _____

25.



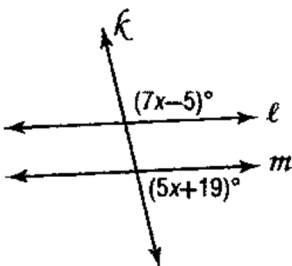
$x =$ _____

26.



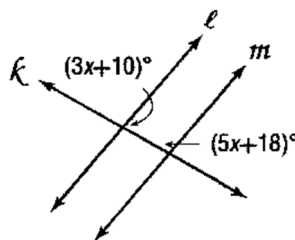
$x =$ _____

27.



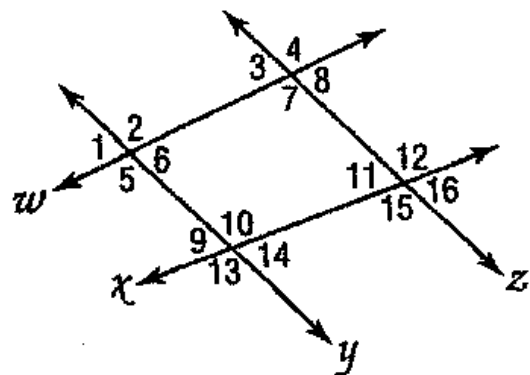
$x =$ _____

28.



$x =$ _____

For #29 – 34, determine which pair of lines is parallel using the given information (TARGET E)



29. $\angle 7 \cong \angle 12$ _____

30. $\angle 9 \cong \angle 16$ _____

31. $\angle 1 \cong \angle 3$ _____

32. $\angle 5 + \angle 9 = 180^\circ$ _____

33. $\angle 10 + \angle 11 = 180^\circ$ _____

34. $\angle 7 \cong \angle 2$ _____